

BEFORE THE  
**FEDERAL COMMUNICATIONS COMMISSION**  
WASHINGTON, D.C.

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF SECRETARY

IN THE MATTER OF:

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] BC DOCKET NO. \_\_\_\_\_

**AMENDMENT OF SECTION 73.202 (B)]**

Table of Assignments,

]

FM Broadcast Stations

]

Rushville, Illinois

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TO THE COMMISSION:

**PETITION FOR RULEMAKING**

COMES NOW, Larry K. and Cathy M. Price (husband and wife) pursuant to provisions of Section 1.401 (d) of the Commission's Rules, (47 CFR 1.401 (d)), requesting that the Table of FM Assignments in Section 73.202 of the Federal Communication's Rules and Regulations be amended.

Larry K. and Cathy M. Price owners, operators, and licensee of WKXQ-FM Rushville, Illinois (WKXQ) seek to modify the station license to change the operating frequency.

WKXQ presently operates on Channel 244A with 6.0 kilowatts of power, circularly polarized at 100 meters. The licensee desires to change the allocation for Rushville to Channel 223A with the same facilities.

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## **I. PRELIMINARY STATEMENT**

The purpose of this request is to reduce co-channel interference and allow for consideration of a more advantageous tower site to reduce terrain shielding.

WKXQ-FM at Channel 244A is presently short-spaced to WCVS-FM at Virden, Illinois under the new 6 Kw rules. While both licensees have exchanged letters of understanding, to accept co-channel interference, the grant of this proposal would eliminate this condition.

## **II. ENGINEERING CONSIDERATIONS**

A.) WKXQ is short spaced to WCVS Virden, Illinois by 7.7 kilometers. This situation came about due to the revision of the spacing table in MM Docket 88-375 which increased the minimum co-channel Class A spacing from 105 to 115 Km.

WKXQ and WCVS have entered into an agreement in which each station agreed to allow the other to increase power to 6 Kw, pursuant to the provisions of 47 CFR 73.213 (c)(2).

The grant of this petition will eliminate the short spacing condition entirely.

3.

B.) The present WKXQ open area (that is the area in which the station's antenna may be located) is limited to a small geographic area due to Co-channel and Adjacent channel spacing requirements.

This site (40-08-20 by 90-39-26) prohibits full service to the predicted one millivolt contour, due to terrain shielding. The area is intersected by three tributaries.

1. The Illinois River, which causes "shadowing" from the river bluffs to radials 90-120 degrees at 16 km from the present WKXQ site.

2. The La Moines River, which causes "shadowing" to the 180-270 degree radials at 6 km.

3. The Sugar Creek, which causes terrain shielding in the 0-90 degree radials at 18 km.

### III. PETITIONERS INTENT TO APPLY FOR CHANNEL 223A

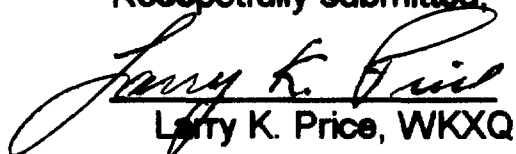
If this proposed change is implemented by the Commission, The petitioner intends, pursuant to the Rules of the Commission, to change to the new frequency as soon as the license is modified to specify operation on channel 223A.

### IV. SUMMARY

No community will lose any present or proposed service as a result of a grant of this petition, and a significant improvement to the predicted one millivolt service area will be allowed.

THEREFORE, in view of the foregoing facts, the petitioner requests that the Table of Allotments (Section 73.202), be amended to assign FM Channel 223A to Rushville, Illinois and to modify its license to specify operation on this channel in place of 244A.

Respectfully submitted,

  
Larry K. Price, WKXQ

  
Cathy M. Price, WKXQ

Larry K. And Cathy M. Price  
WKXQ Radio  
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Dated: March 3, 1995

# Multi - Channel Search

## Full Study

Study for: WKXQ RUSHVILLE

CHAN. 223A FROM EXISTING WKXQ TOWER SITE-SKW

Search Channel: 223

Class: A

03-03-1995

09:30:45

Latitude: 400820 Longitude: 0903926

Call Letters	Location	Channel	Class	Bearing	Distance(km)	Required(km)	OK/Short
Opening, Sorting & Searching: missou_2.dbf							
Opening, Sorting & Searching: missou_1.dbf							
KMFC	Centralia	221	A	230.14	168.52	31.00	OK
Centra	Centralia	221	A	230.14	168.52	31.00	OK
KGRC	Hannibal	225	C1	234.53	78.40	75.00	Close
Hannib	Hannibal	225	C1	234.53	78.40	75.00	Close
St. Lo	St. Louis	222	C	173.07	185.28	165.00	OK
St. Lo	St. Louis	277	C1	170.20	181.29	22.00	OK
KLOU	St. Louis	277	C1	170.20	181.29	22.00	OK
WILFM	St. Louis	222	C	173.07	185.28	165.00	OK
KTTNFM	Trenton	222	C3	268.57	247.42	89.00	OK
Trento	Trenton	222	C3	268.57	247.42	89.00	OK
Opening, Sorting & Searching: iowa.dbf							
KIKR	Asbury	277	C3	1.66	251.71	12.00	OK
KDMG	Burlington	276	C3	322.55	83.26	12.00	OK
Burlin	Burlington	276	C3	332.51	83.69	12.00	OK
KRLS	Knorrville	221	C3	304.40	240.23	42.00	OK
Knorvi	Knorrville	221	C3	302.49	244.16	42.00	OK
Muscat	Muscatine	226	A	345.69	142.36	31.00	OK
Ottumw	Ottumwa	224	C3	304.53	185.02	89.00	OK
KTWA	Ottumwa	224	A	302.67	182.24	72.00	OK
Pella	Pella	277	C1	306.50	237.30	22.00	OK
Opening, Sorting & Searching: illno_2.dbf							
NEW	Collax	225	A	77.17	166.63	31.00	OK
WDEK	Dekalb	223	B	39.69	250.66	178.00	OK
WFPSFM	Freeport	221	A	17.81	255.36	31.00	OK
WJRE	Kewanee	221	A	26.79	135.35	31.00	OK
WJDK	Morris	276	A	56.85	234.41	10.00	OK
Opening, Sorting & Searching: illno_1.dbf							
WCAZ1	CARTHAGE	221	B1	286.01	56.46	48.00	OK
WCAZ3	CARTHAGE-ALLOC.	221	B1	304.41	52.95	48.00	OK
WHQQ	Charleston	221	A	109.02	208.33	31.00	OK
Charle	Charleston	221	A	108.60	220.62	31.00	OK
NEW	Collax	225	A	76.19	168.80	31.00	OK
NEW	Collax	225	A	76.60	169.44	31.00	OK
NEW	Collax	225	A	76.76	169.37	31.00	OK
NEW	Collax	225	A	75.47	176.17	31.00	OK
Collax	Collax	225	A	74.75	179.84	31.00	OK
NEW	Collax	225	A	75.69	171.73	31.00	OK
WYDS	Decatur	226	A	105.40	147.66	31.00	OK
Decatu	Decatur	226	A	105.40	147.66	31.00	OK
Dekalb	Dekalb	223	B	39.69	250.66	178.00	OK
Freepo	Freeport	221	A	17.81	255.36	31.00	OK
Galesb	Galesburg	224	A	17.92	96.05	72.00	OK
WGBQ	Galesburg	224	A	17.92	96.05	72.00	OK
WJCH	Joliet	220	B	54.86	246.25	69.00	OK
Kankak	Kankakee	224	A	64.96	258.13	72.00	OK
WLRT	Kankakee	224	A	64.96	258.13	72.00	OK
Kewane	Kewanee	221	A	26.79	135.35	31.00	OK
WBWN	Le Roy	224	A	79.37	162.98	72.00	OK
Morris	Morris	276	A	56.05	233.05	10.00	OK
Peoria	Peoria	222	A	54.91	113.32	72.00	OK
WBGE	Peoria	222	A	55.24	109.11	72.00	OK
WJEZ	Pontiac	276	A	64.84	192.36	10.00	OK
WJEZ	Pontiac	276	A	64.84	192.36	10.00	OK